

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020725AR\
 Data File : FF015492.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2025 14:28
 Operator : YP\AJ
 Sample : Q1308-09
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 10 00:35:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:23:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.004	11202799	94.257 ug/ml
Spiked Amount 50.000		Recovery =	188.51%
6) S 2-Fluorobiphenyl (SURR)	8.883	3217235	42.364 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.73%
11) S ortho-Terphenyl (SURR)	11.944	8153561	61.825 ug/ml
Spiked Amount 50.000		Recovery =	123.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	114148	0.824 ug/ml
2) T Naphthalene (C11.7)	6.246	4486472	32.572 ug/ml
3) T 2-Methylnaphthalene (...)	7.382	9289726	69.884 ug/ml
5) T Acenaphthylene (C15.06)	8.671	16670162	123.287 ug/ml
7) T Acenaphthene (C15.5)	8.988	3429342	25.526 ug/ml
8) T Flouorene (C16.55)	9.770	3154252	24.288 ug/ml
9) T Phenanthrene (C19.36)	11.177	4328624	35.660 ug/ml
10) T Anthracene (C19.43)	11.251	1487980	12.415 ug/ml
12) T Fluoranthene (C21.85)	12.993	1666225	13.699 ug/ml
13) T Pyrene (C20.8)	13.289	568410	4.671 ug/ml
14) T Benzo[a]anthracene (C...	15.171	112320	1.030 ug/ml
15) T Chrysene (C27.41)	15.213	103249	0.866 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.118	40630	0.362 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.492	68351	0.620 ug/ml
20) T Dibenz[a,h]anthracene...	18.492	68351	0.554 ug/ml
21) T Benzo[g,h,i]perylene ...	18.744	43054	0.336 ug/ml

(f)=RT Delta > 1/2 Window

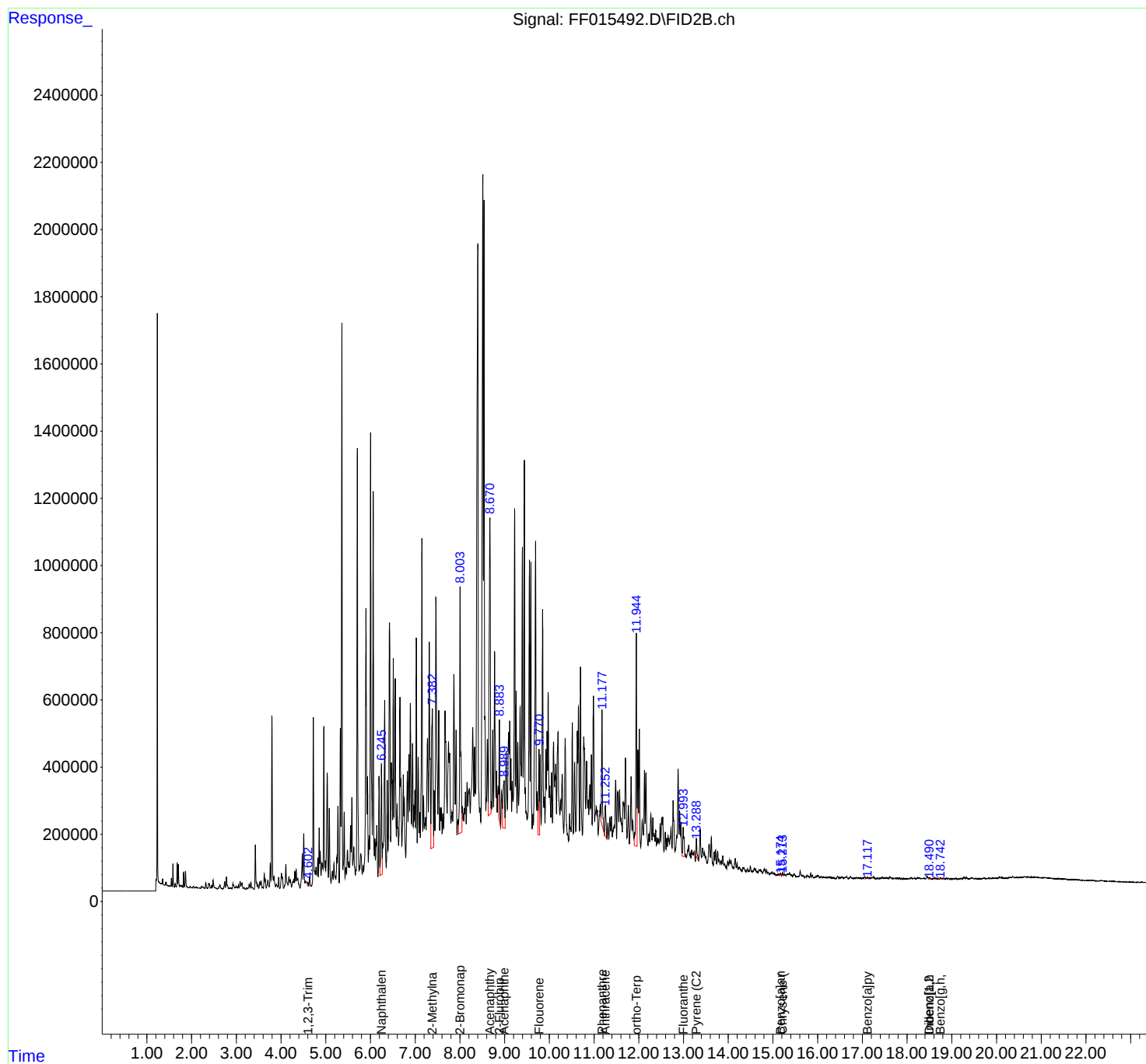
(m)=manual int.

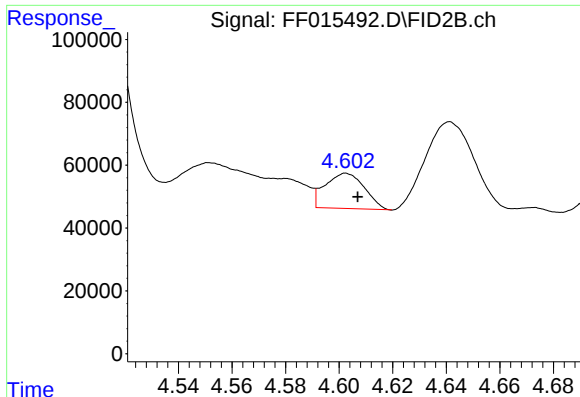
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Signal Info : 20M x 0.18mm x 0.18µm

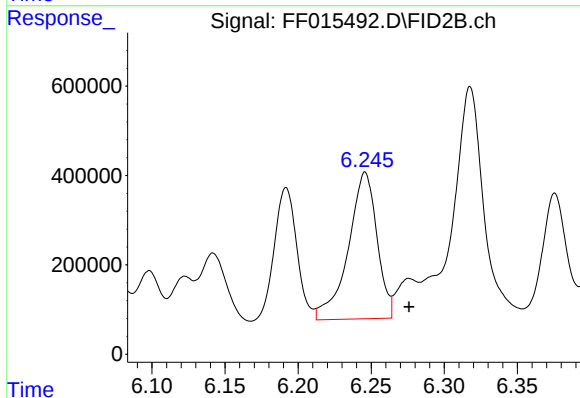




#1 1,2,3-Trimethylbenzene (C10.1)

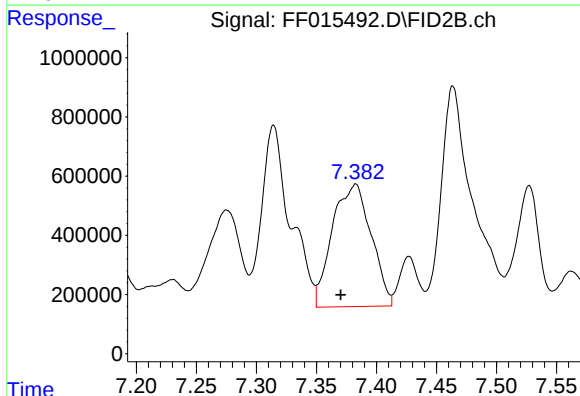
R.T.: 4.603 min
Delta R.T.: -0.005 min
Response: 114148
Conc: 0.82 ug/ml

Instrument :
FID_F
ClientSampleId :



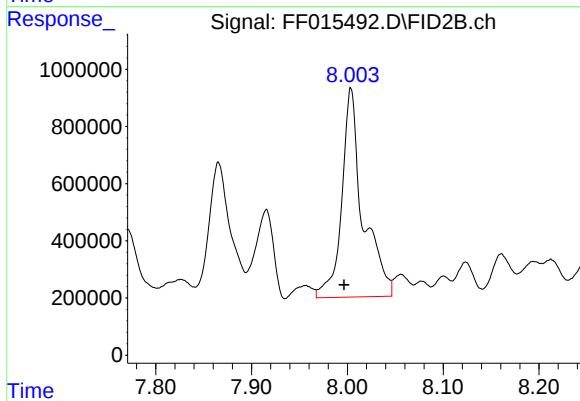
#2 Naphthalene (C11.7)

R.T.: 6.246 min
Delta R.T.: -0.030 min
Response: 4486472
Conc: 32.57 ug/ml



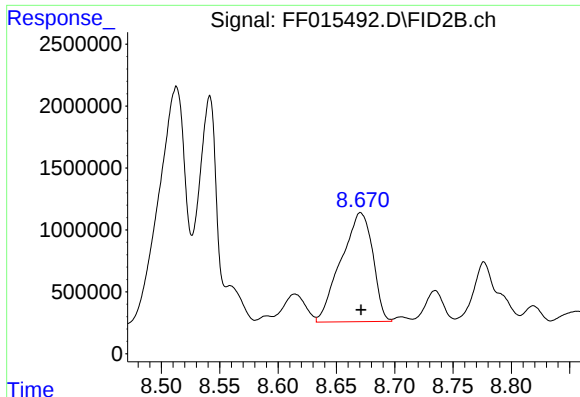
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.382 min
Delta R.T.: 0.012 min
Response: 9289726
Conc: 69.88 ug/ml



#4 2-Bromonaphthalene (SURR)

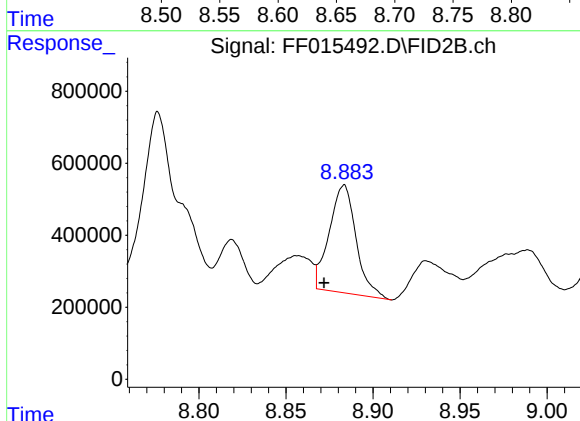
R.T.: 8.004 min
Delta R.T.: 0.007 min
Response: 11202799
Conc: 94.26 ug/ml



#5 Acenaphthylene (C15.06)

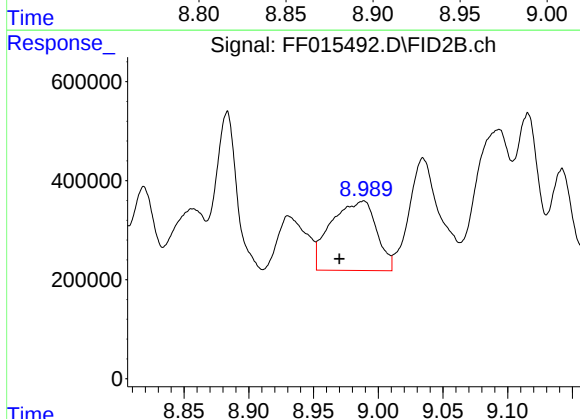
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 16670162
Conc: 123.29 ug/ml

Instrument :
FID_F
ClientSampleId :



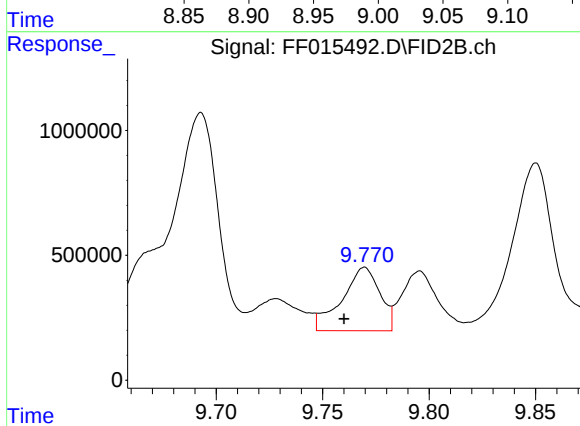
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.883 min
Delta R.T.: 0.011 min
Response: 3217235
Conc: 42.36 ug/ml



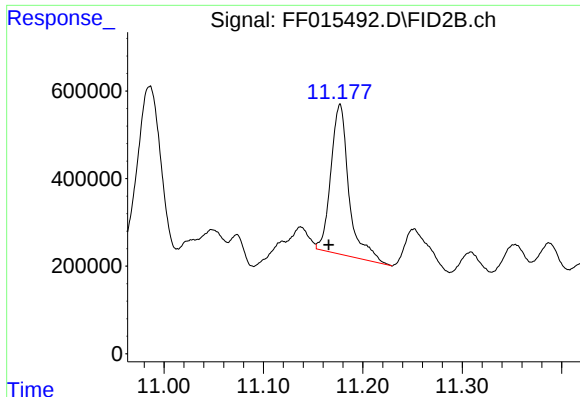
#7 Acenaphthene (C15.5)

R.T.: 8.988 min
Delta R.T.: 0.018 min
Response: 3429342
Conc: 25.53 ug/ml



#8 Flouorene (C16.55)

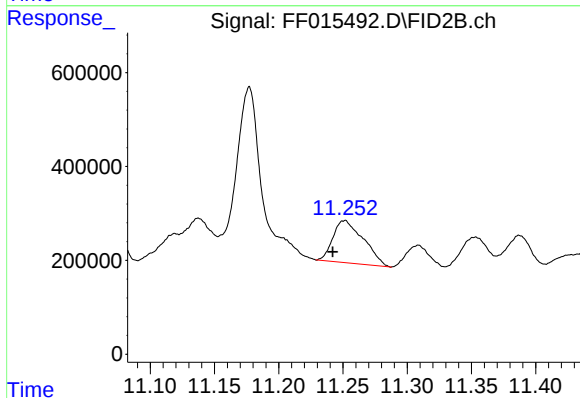
R.T.: 9.770 min
Delta R.T.: 0.010 min
Response: 3154252
Conc: 24.29 ug/ml



#9 Phenanthrene (C19.36)

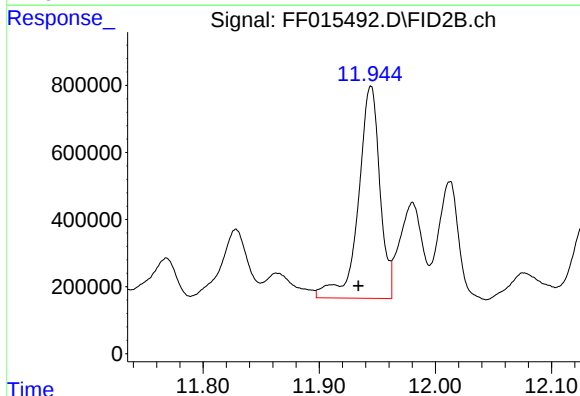
R.T.: 11.177 min
Delta R.T.: 0.011 min
Response: 4328624
Conc: 35.66 ug/ml

Instrument :
FID_F
ClientSampleId :



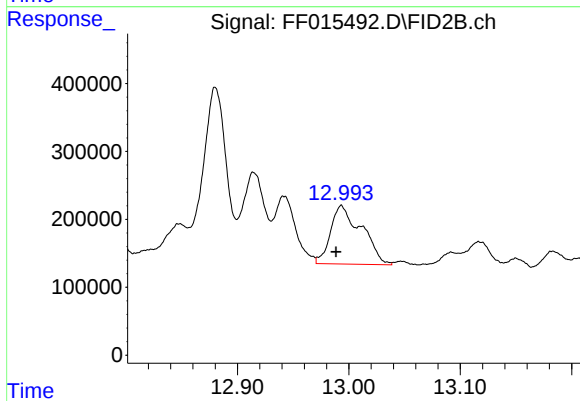
#10 Anthracene (C19.43)

R.T.: 11.251 min
Delta R.T.: 0.009 min
Response: 1487980
Conc: 12.41 ug/ml



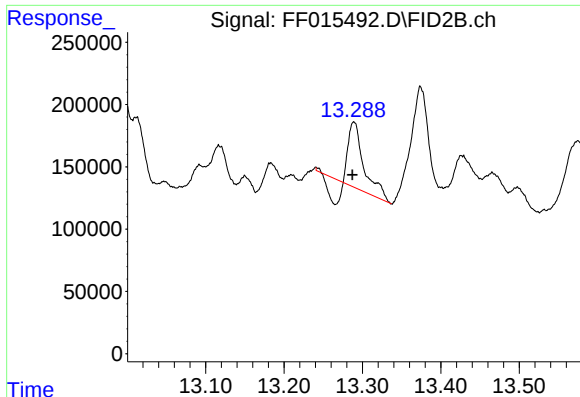
#11 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: 0.010 min
Response: 8153561
Conc: 61.82 ug/ml



#12 Fluoranthene (C21.85)

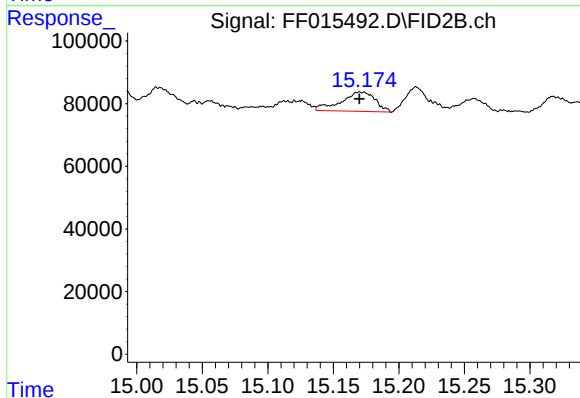
R.T.: 12.993 min
Delta R.T.: 0.005 min
Response: 1666225
Conc: 13.70 ug/ml



#13 Pyrene (C20.8)

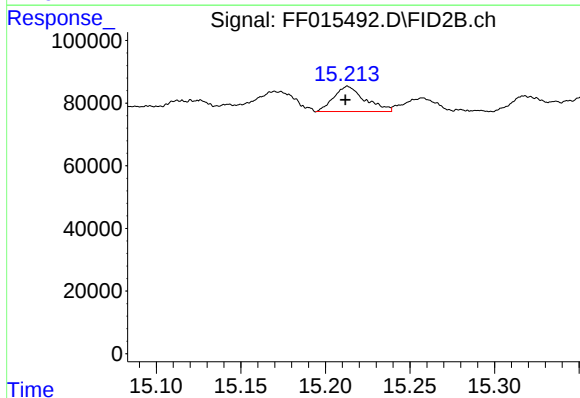
R.T.: 13.289 min
Delta R.T.: 0.002 min
Response: 568410
Conc: 4.67 ug/ml

Instrument :
FID_F
ClientSampleId :



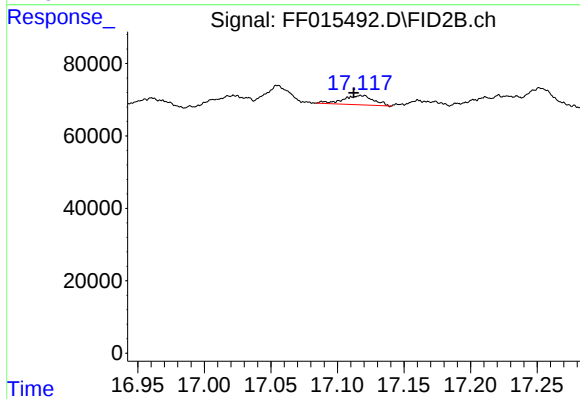
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.171 min
Delta R.T.: 0.001 min
Response: 112320
Conc: 1.03 ug/ml



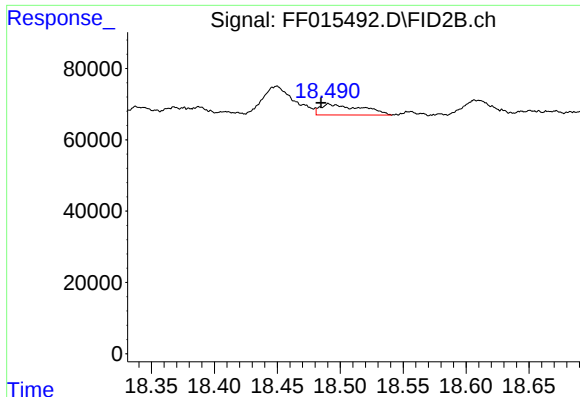
#15 Chrysene (C27.41)

R.T.: 15.213 min
Delta R.T.: 0.001 min
Response: 103249
Conc: 0.87 ug/ml



#18 Benzo[a]pyrene (C31.34)

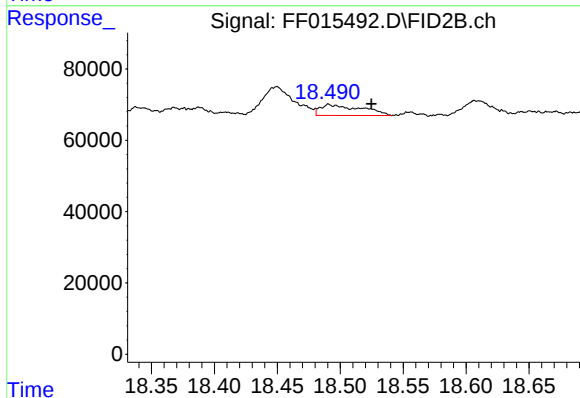
R.T.: 17.118 min
Delta R.T.: 0.005 min
Response: 40630
Conc: 0.36 ug/ml



#19 Indeno[1,2,3-cd]pyrene (C35.01)

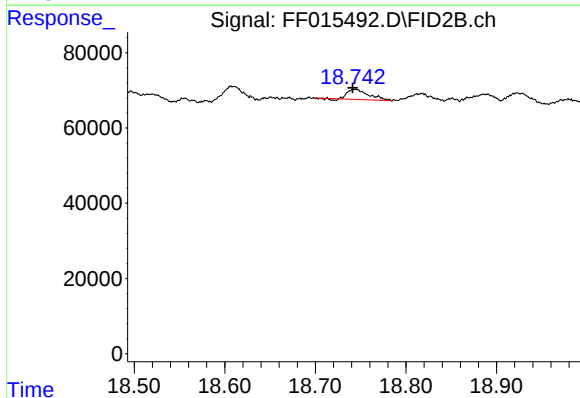
R.T.: 18.492 min
Delta R.T.: 0.007 min
Response: 68351
Conc: 0.62 ug/ml

Instrument :
FID_F
ClientSampleId :



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.492 min
Delta R.T.: -0.032 min
Response: 68351
Conc: 0.55 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.744 min
Delta R.T.: 0.002 min
Response: 43054
Conc: 0.34 ug/ml